

REMARKS

This responds to the Office Action mailed on June 2, 2005, and the references cited therewith.

Claims 9 and 10 are amended, no claims are canceled, and claims 33-38 are added; as a result, claims 1-38 are now pending in this application.

§102 Rejection of the Claims

Claim 9 was rejected under 35 U.S.C. § 102(b) for anticipation by Lawrence (U.S. Patent No. 3,243,752). Applicant respectfully traverses the rejection for at least the following reasons.

The rejection states that Lawrence discloses attaching a trace (wire 22) of conductive material to a film of flexible insulating material. The rejection further states that “the claimed film of ‘flexible insulating material’ can be read as the insulative coating that covers the trace or wire (see col. 3, lines 67-72), or can alternatively be read as the insulative sheet 24.”

Lawrence appears to show a number of wires 22 with an insulating coating on them wrapped around a tube 20. Lawrence also appears to show a sheet 24 of kraft paper interleaved between the winding layers. However, Applicant is unable to find in Lawrence any teaching of attaching a trace of conductive material to a substantially planar film of flexible insulating material, and attaching an end of the film to a mandrel. No conductive material is attached to the sheet 24, and the sheet 24 is not attached to the tube 20, or any other mandrel.

In contrast, claim 9 as amended includes attaching a trace of conductive material to a substantially planar film of flexible insulating material, and attaching an end of the film to a mandrel. Because the Lawrence reference does not show every element of Applicant's independent claims, a 35 USC § 102(b) rejection is not supported. Reconsideration and withdrawal of the rejection are respectfully requested with respect to Applicant's independent claim 9. Additionally, reconsideration and withdrawal of the rejection are respectfully requested with respect to the remaining claims that depend therefrom as depending on allowable base claims.

§103 Rejection of the Claims

Claim 10 was rejected under 35 U.S.C. § 103(a) as being unpatentable over Lawrence in view of Wohlhieter (U.S. Patent No. 2,929,132). Applicant respectfully submits that the additional reference of Wohlhieter fails to cure the rejection based on Lawrence for at least the reasons outlined above.

Because the cited references, either alone or in combination, do not show every element of Applicant's independent claims, a 35 USC § 103(a) rejection is not supported by the references. Reconsideration and withdrawal of the rejection is respectfully requested with respect to claim 10

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at (612) 373-6944 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

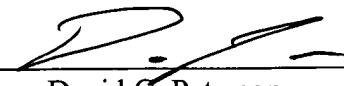
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By his Representatives,

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Date 9-2-05

By


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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 2ND day of September, 2005.

Patricia A. Holtman



Name

Signature